

**Appendix 1: Definitions of Usual Source of Care using various cut-points and association with 6- and 12-month mortality and readmission**

		Final 3-level USOC*		4-Level USOC†		USOC dichotomized‡		Alternate Scoring Method§	
Mortality	6m								
		None	3.15 (1.70, 5.52)	None	3.21 (1.78, 5.80)	No	2.90 (1.67, 5.04)	None	2.81 (1.44, 5.49)
		Weak	1.95 (0.98, 3.88)	Poor	1.99 (0.98, 4.02)	Yes	1.00	Weak	0.96 (0.56, 1.66)
		Strong	1.00	Moderate	1.07 (0.58, 2.00)			Strong	1.00
				Strong	1.00				
	12m								
		None	1.92 (1.19, 3.12)	None	1.93 (1.17, 3.20)	No	1.85 (1.15, 3.0)	None	1.93 (1.09, 3.41)
		Weak	1.43 (0.80, 2.55)	Poor	1.43 (0.80, 2.58)	Yes	1.00	Weak	1.07 (0.70, 1.63)
		Strong	1.00	Moderate	1.01 (0.62, 1.64)			Strong	1.00
				Strong	1.00				
Readmission	6m								
		None	1.05 (0.82, 1.35)	None	1.06 (0.82, 1.37)	No	1.02 (0.80, 1.31)	None	1.03 (0.78, 1.36)
		Weak	1.15 (0.87, 1.53)	Poor	1.16 (0.87, 1.55)	Yes	1.00	Weak	1.01 (0.83, 1.23)
		Strong	1.00	Moderate	1.02 (0.81, 1.29)			Strong	1.00
				Strong	1.00				
	12m								
		None	1.04 (0.83, 1.29)	None	1.05 (0.83, 1.32)	No	1.03 (0.83, 1.27)	None	1.06 (0.83, 1.35)
		Weak	1.08 (0.84, 1.38)	Poor	1.09 (0.84, 1.41)	Yes	1.00	Weak	1.05 (0.89, 1.25)
		Strong	1.00	Moderate	1.04 (0.85, 1.27)			Strong	1.00
				Strong	1.00				

\*USOC-none (No to question: “Do you currently have a doctor or care provider who you feel is primarily responsible for your health care?”); USOC – Weak (Sum Score of 0-1); USOC – Strong (Sum Score of 2-3). Scores based on responses to questions: “How long have you been seeing this doctor/care provider?” (<2 years=0; ≥2 years=1); “Does your doctor/care provider seem to know you and your medical condition well?”, and “Is your doctor/care provider or his/her staff good at following up with you on appointments and test results?”, (Not at all/Not very well/Somewhat = 0; Fairly well/Extremely well =1).

†USOC definition used same scoring system as prior definition, though added additional category: USOC-none, USOC weak (Sum Score of 0), USOC moderate (Sum Score of 1), USOC strong (Score of 2-3).

‡USOC yes/no based on single question as assessed in prior literature: “, “Do you currently have a doctor or care provider who you feel is primarily responsible for your health care?”

§USOC-none (as defined above); USOC Weak (Sum Score of 2-4); USOC Strong (Sum Score of 5-10). Scores based on 2 likert questions: “Does your doctor/care provider seem to know you and your medical condition well?”, and “Is your doctor/care provider or his/her staff good at following up with you on appointments and test results?”, summing points for the following responses: “Not at all=1/Not very well=2/Somewhat=3/Fairly well=4/Extremely well=5).

**Appendix 2: Multivariable analysis, adjusted for propensity score, to estimate the odds of readmission and mortality by Usual Source of Care status**

		6-month mortality				12-month mortality			
Usual Source of Care	Total N	Mortality %	Adjusted Hazard Ratio	P-Value	95% Confidence Interval	Mortality %	Adjusted Hazard Ratio	P-Value	95% Confidence Interval
None	441	5.9	2.50	<0.001	1.55-4.04	6.9	1.68	0.02	1.10-2.58
Weak	247	5.7	2.22	0.01	1.23-4.00	7.3	1.68	0.05	1.01-2.81
Strong	1766	4.4	1.00			7.1	1.00		

		6-month readmission				12-month readmission			
Usual Source of Care	Total N	Readmission %	Adjusted Hazard Ratio	P-Value	95% Confidence Interval	Readmission %	Adjusted Hazard Ratio	P-Value	95% Confidence Interval
None	441	27.5	1.05	0.71	0.83-1.32	38.1	1.04	0.70	0.85-1.27
Weak	247	32.6	1.25	0.10	0.96-1.61	40.3	1.12	0.36	0.88-1.41
Strong	1766	29.4	1.00			40.3	1.00		